EcoSmart™ LED Downlight with Integrated Trim

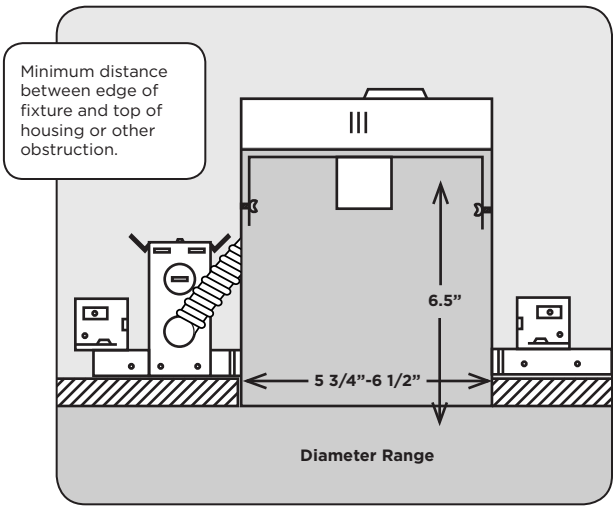
ECO-575L, ECO-GU24-575L

INSTALLATION INSTRUCTIONS

RECESSED HOUSING AND DIMMER COMPATIBILITY

- The EcoSmart LED Downlight is designed to install in standard 6” recessed downlight housings.
- For a list of compatible housings, refer to www.CreeLEDlighting.com.
- Compatible with most dimmers when used with multiple EcoSmart Downlight fixtures. Consult www.CreeLEDLighting.com for a compatibility chart.
- Compatibility of housings not on this list may be determined by measurement of the housing as detailed in the attached drawing (Figure 1).

FIGURE 1

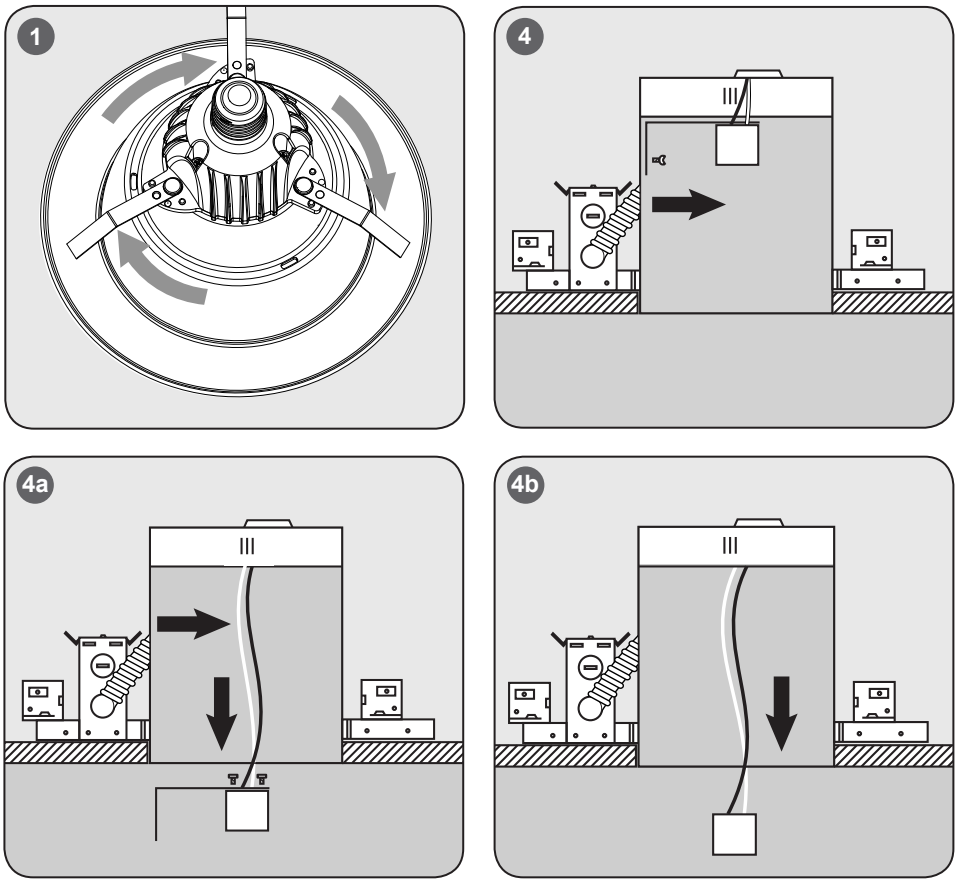


IMPORTANT SAFETY INFORMATION
Read all instructions before installation

WARNING - Risk of Electric Shock. Disconnect power at fuse or circuit breaker before installing or servicing.

Note: (1) It may be necessary to remove a socket mounting plate for adequate clearance. (2) Each lampholder shall be installed only in its intended manner and orientation. (3) Not all existing recessed housings that meet these requirements will be compatible with the EcoSmart Downlight. To ensure compatibility, a test installation should be conducted. (4) Suitable for damp locations.

TO INSTALL:



STEP 1:
Remove EcoSmart Downlight fixture from the packaging and rotate the “Flip Clips” clockwise until the clips are oriented directly away from the fixture. This position is the “installation ready” position.

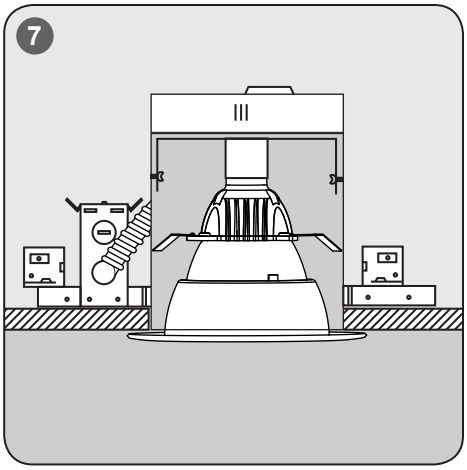
STEP 2:
Make sure the **POWER IS TURNED OFF** at the source to the recessed housing(s) that you are installing the fixture(s) in.

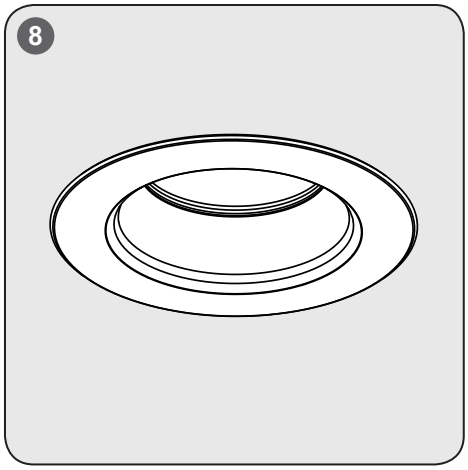
STEP 3:
Once power has been turned off, remove existing trim and bulb, revealing the existing socket.

STEP 4:
Locate the socket in your existing recessed housing and remove any screws that prevent the socket bracket from being removed.

STEP 4a:
Pull socket assembly, including the bracket, as low as possible given the existing wire length available. (May require socket plate removal) Remove any excess bracketry from socket. Care should be taken not to damage wiring during this process.

STEP 4b:
Once you have removed the excess bracketry from the socket, you are now ready to install the EcoSmart Downlight fixture.





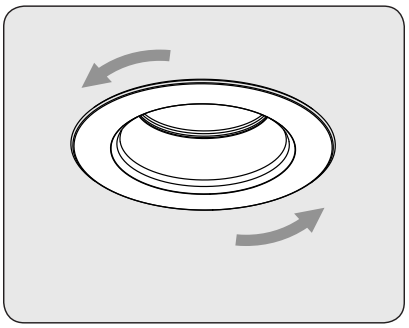
STEP 5:
If the existing socket is a GU24-style socket, or if you are converting the existing socket from an edison-style socket to a GU24-style socket, proceed to Step A under "GU24 Installation" below.

STEP 6:
Attach EcoSmart Downlight to recessed housing socket. Screw EcoSmart Downlight into the socket by turning clockwise.

STEP 7:
Slide EcoSmart Downlight with clips, in fully-deployed position, up into the recessed housing firmly until trim ring is flush with ceiling.

REMOVAL OF ECOSMART DOWNLIGHT

NOTE: Make sure power to fixture is disconnected before attempting to remove EcoSmart Downlight module from fixture.

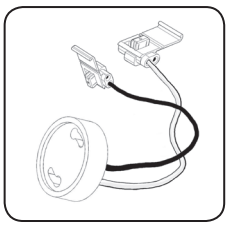


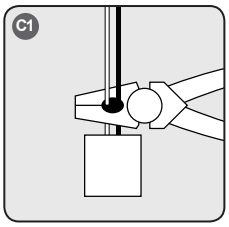
STEP 1:
To remove EcoSmart Downlight module, grip firmly on the trim ring and rotate 1/4 turn counterclockwise to unlock clips from recessed can.

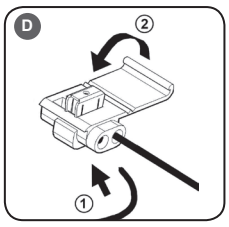
STEP 2:
Continue to turn counterclockwise as you pull downward on the EcoSmart Downlight. This will disengage the clips allowing the EcoSmart Downlight to pull free.

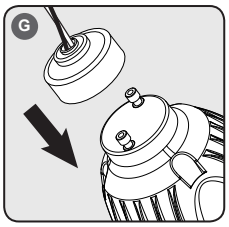
STEP 3:
Detach EcoSmart Downlight from recessed housing socket.

GU24 INSTALLATION (WHERE REQUIRED)









GU-24 Socket Whip (Provided with GU24 units only to convert existing edison socket fixtures to GU24)

STEP A: Remove GU-24 connector cable from box.

STEP B: Follow steps 1-4b of "INSTALLATION INSTRUCTIONS" shown on page 1.

STEP C: If the recessed housing is provided with a GU24-style socket, Skip to Step G.

STEP C1: To assemble included GU24 whip (shown above) cut wires on back side of socket. No stripping is required from remaining leads.

STEP D: Insert the input wires into the Insulation Displacement Connectors provided on the GU-24 Socket whip and clamp down on the metal u-connector until flush with the top of the plastic insulator.

STEP E: Close plastic hinged cover and snap lock.

STEP F: Place "Original Luminaire Modification Marking" label inside recessed housing adjacent to existing relamp label.

STEP G: Attach GU24 socket to the EcoSmart Downlight by inserting pins into the socket and twisting socket clockwise until locked.

STEP H: Continue to Step 7 shown above.

NOTE: This device is not intended for use with emergency exit fixtures or emergency exit lights.

RECOMMENDED DIMMERS AVAILABLE AT THE HOME DEPOT

Lutron	Skylark®	S-600
	Diva®	DV-600
	Maestro®	MAW-600
Leviton	Illumatech®	IPI06
	Trimatron®	6683
	Decora®	6631

The EcoSmart LED Downlight is designed to work with standard incandescent type dimmers and should generally be treated as a 75W load. Results can vary in certain field applications. Please reference the dimmer manufacturer's instructions for installation.

In compliance with CA Prop 65, Cree provides the following statement due to the customary electronics components used in this product. **WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.**

LPN000046 Rev.E

U.S. Patent # 7,213,940
U.S. & Foreign Patents Pending
Made in China

LIMITED CONSUMER WARRANTY

The limited warranty set forth below is given by The Home Depot ("Seller") with respect to the lighting product packaged with this limited warranty (the "Product"). Your Product, when delivered to you in new condition in its original packaging, is warranted against defects in materials or workmanship as follows: for a period of three (3) years from the date of original purchase, defective parts or a defective Product returned to Seller, or its authorized service providers, as applicable, and proven to be defective upon inspection, will be repaired, or exchanged for a new Product, as determined by Seller, or the authorized service provider. This limited warranty covers all defects encountered in normal use of the Product, and does not apply in the following cases: Loss of or damage to the Product due to abuse, mishandling, alteration, accident, electrical current fluctuations, failure to follow operating, maintenance or environmental instructions prescribed by Seller in writing or services performed by someone other than Seller or its authorized service provider. WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED. Any complaints you may have regarding the product should be addressed to The Home Depot [1-877-527-0313].
NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND SELLER. (SOME STATES AND PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.)

NOT INTENDED FOR USE WITH EMERGENCY EXIT FIXTURES OR EMERGENCY EXIT LIGHTS. NOT FOR USE WHERE EXPOSED DIRECTLY TO THE WEATHER OR WATER. NOT FOR USE IN TOTALLY ENCLOSED RECESSED FIXTURES. CAUTION: Risk of electrical shock, do not open, no user serviceable parts inside. Turn power off before inspection, installation or removal. The lamp is suitable for use in Damp Locations. Use only on 120 VAC, 60 Hz circuits.
This device complies with Part 15 of the FCC rules and has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment. Compatible with Most Dimmer Switches when used with multiple EcoSmart Downlight fixtures. Call 1-877-527-0313 to address issues with bulbs under warranty.